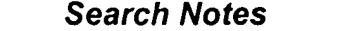


Search Notes 	Application/Control No.	Applicant(s)/Patent under Reexamination
	09/964,335	TSUKISHIMA ET AL.
	Examiner	Art Unit
	Tamara L. Graysay	3623

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
reviewed 09JUNE2005 PLUS search	10/13/2005	TG
DIALOG search - printout attached	10/15/2005	TG
EAST search - printout attached	10/15/2005	TG
ESP@CENET search - printout attached	10/15/2005	TG

Search Notes (continued) DIALOG Search Strategy	Application No. 09/964,335	Applicant(s) TSUKISHIMA ET AL.
	Examiner Tamara L. Graysay	Art Unit 3623
DATABASE(S):		
Full Text <input checked="" type="checkbox"/> 9: Business & Industry <input checked="" type="checkbox"/> 15: ABI/INFORM <input checked="" type="checkbox"/> 16, 160: PROMT, Gale <input checked="" type="checkbox"/> 20: Global Reporter, Gale <input checked="" type="checkbox"/> 148: Trade & Industry Database, Gale <input checked="" type="checkbox"/> 275: Computer Database, Gale <input checked="" type="checkbox"/> 476: Financial Times <input checked="" type="checkbox"/> 610,810: Business Wire <input checked="" type="checkbox"/> 613,813: PR Newswire <input checked="" type="checkbox"/> 621: New Product Announcements/Plus, Gale <input checked="" type="checkbox"/> 624: McGraw-Hill Companies Pubs Online <input checked="" type="checkbox"/> 634: San Jose Mercury News <input checked="" type="checkbox"/> 636: Newsletter Database, Gale Group <input checked="" type="checkbox"/> 256: Softbase: Reviews, Companies, Products		
NonFull Text <input checked="" type="checkbox"/> 2: INSPEC <input checked="" type="checkbox"/> 6: NTIS-Natl'l Technical Information Service <input checked="" type="checkbox"/> 7: Social SciSearch <input checked="" type="checkbox"/> 8: Ei Compendex <input checked="" type="checkbox"/> 34, 434: SciSearch <input checked="" type="checkbox"/> 35: Dissertation Abstracts Online <input checked="" type="checkbox"/> 65: Inside Conferences <input checked="" type="checkbox"/> 94: JICST-Eplus – Japanese Science & Tech <input checked="" type="checkbox"/> 99: Wilson Applied Science & Tech Abstracts <input checked="" type="checkbox"/> 474: New York Times Abstracts <input checked="" type="checkbox"/> 475: Wall Street Journal Abstracts <input checked="" type="checkbox"/> 583: Globalbase, Gale Group		
Software and Technology Oriented		
Set Items Description S1 71794 LINEAR () PROGRAM????? S2 1203496 BUSINESS (7N) (OPERATION?? OR FUNCTION??) S3 5833391 RISK S4 9814154 INVESTMENT S5 11792413 COST S6 19423373 COST OR INVESTMENT S7 6213610 DECISION S8 175047 MANAGEMENT()REFORM? ? OR REENGINEERING OR RE()ENGINEERING OR QUALITY()INITIATIVE? S9 3754345 OPTIMI?E? ? OR OPTIMI?ATION OR OPTIMI?ING OR OPTIMAL OR OPTIMUM S10 14313133 MANUFACTURE? ? OR MANUFACTURING S11 33819620 STRATEG??? OR PLAN??? OR INITIATIVE? ? S12 15644600 PROBLEM? ? OR CHALLENGE? ? S13 18 S1 AND S2(4N)S7 S14 93 S1 AND S2 AND S3 AND (S4 OR S5 OR S6) S15 82 RD (unique items) S16 63 S15 NOT PY>2001 S17 1609976 16 AND S10 S18 43 S16 AND S10 S19 40 S18 AND S12 S20 40 RD (unique items) S21 33 S1 AND S2 AND S8 AND S9 S22 26 RD (unique items) S23 20 S22 AND S10 S24 25 S22 AND S11 S25 26 S22 AND S12 S26 26 S23 OR S24 OR S25 S27 0 S26 NOT S25 S28 244 S1 AND S2 AND S9 AND S11 AND S12 S29 191 S28 AND S7 S30 0 S29 AND ASSIST (5N)(HUMAN? ? OR PERSON? ?) S31 75 S29 AND (ASSIST OR ASSISTS OR ASSISTANCE OR ASSISTED OR ASSISTING) S32 34 S31 AND HUMAN S33 30 RD (unique items) S34 23 S33 NOT (S13 OR S26) S35 18 S34 NOT PY>2001		

EAST Search Strategy

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1407	linear adj programming	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/15 18:20
L2	248	L1 and business	USPAT; USOCR	OR	OFF	2005/10/15 18:20
L3	209	L2 and problem	USPAT; USOCR	OR	OFF	2005/10/15 18:20
L4	20	L1 and business	EPO; JPO; DERWENT	OR	OFF	2005/10/15 18:20
L5	0	L4 and risk	USPAT; USOCR	OR	OFF	2005/10/15 18:20
L6	56	L3 and risk	USPAT; USOCR	OR	OFF	2005/10/15 18:32
L7	158	L3 and (investment or cost)	USPAT; USOCR	OR	OFF	2005/10/15 18:32
L8	108	L7 not L6	USPAT; USOCR	OR	OFF	2005/10/15 18:33
L9	59	L8 and (index or vector)	USPAT; USOCR	OR	OFF	2005/10/15 18:33
S1	1407	linear adj programming	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/15 15:34
S2	268	S1 and business	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/15 18:20
S3	20	S1 and business	EPO; JPO; DERWENT	OR	OFF	2005/10/15 15:34

Search Notes (continued) ESP@CENET Search Strategy	Application No.	Applicant(s)	
	09/964,335 Examiner Tamara L. Graysay	TSUKISHIMA ET AL. Art Unit 3623	4 of 4

- Worldwide (all three)
 Patent Abstracts of Japan
 EP – esp@cenet
 WIPO – esp@cenet

10 results found in the Worldwide database for: tsukishima AND takahiro (applicant or inventor)

23 results found in the Worldwide database for: shimizu and tateo (applicant or inventor)

0 results found in the Worldwide database for: G06F17/60 as the ECLA classification AND linear and program in the title or abstract

Approximately 1772 results found in the Worldwide database for: linear and program in the title or abstract

8 results found in the Worldwide database for: linear and program and business in the title or abstract

Approximately 559 results found in the Worldwide database for: linear and program and problem in the title or abstract

9 results found in the Worldwide database for: linear and program and problem and index in the title or abstract

27 results found in the Worldwide database for: linear and program and problem and vector in the title or abstract